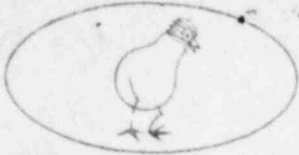


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Commonwealth Edison Company

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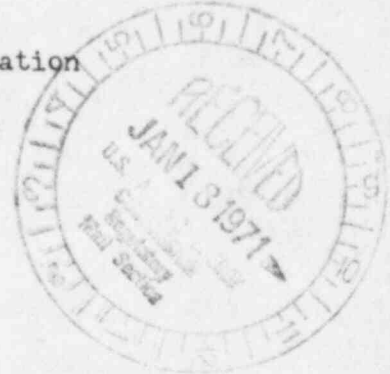
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Dresden Nuclear Power Station

R.R. #1

Morris, Illinois 60450

January 2, 1971



Dr. Peter A. Morris, Director
Division of Reactor Licensing
U.S. Atomic Energy Commission
Washington, D.C. 20545

SUBJECT: LICENSE DPR-19 DRESDEN NUCLEAR POWER STATION UNIT #2 (SECTION 2 C OF DPR-19)

Dear Dr. Morris:

The purpose of this letter is to report the receipt of operational neutron sources in excess of the number allowed under license DPR-19. This incident occurred on December 21, 1970.

PROBLEM

General Electric Company shipped 14 neutron sources from Vallecitos Nuclear Center to Dresden Nuclear Power Station (from license #0017-59 Calif. to DPR-19) for use in Dresden Unit 3. The sources were antimony -124 neutron sources (1,000 curies each) and were all in one cask. The sources were received by Dresden Station on December 21, 1970. The Dresden Unit 2 license (DPR-19) permits the receipt, possession and use of 14 antimony -124 neutron sources. Fourteen such sources were already in the Unit 2 reactor. The receipt of the 14 additional sources under DPR-19, therefore exceeded the licensed quantity.

INVESTIGATION

On December 21, 1970 the source cask was unloaded from the truck and while it was being transferred to the reactor building refueling floor a review of the license revealed that these sources had not been covered by an amendment to the license. By this time the truck had left the property. The source cask was kept in-tact on the station property until the proper handling and licensing matters could be resolved.

CORRECTIVE ACTION

The Station informed General Electric that the Sb-Be sources would be shipped back to them as soon as possible. This was accomplished on December 24, 1970.

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An appropriate amendment to the Dresden Byproduct license was applied for on December 24, 1970 and received on December 31, 1970. This amendment allows the receipt and storage of the operational Sb-Be sources for D-3.

A station procedure has been issued which consolidates the review of all radioactive shipments and receipts under the nuclear materials custodian who is presently the senior nuclear engineer at the station. This procedure also requires the approval of both the nuclear materials custodian and the station superintendent for all shipments and receipts.


H. K. Hoyt
Superintendent

HKH:rh